



State of Utah

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Addendum No. 1

Date: June 28, 2016

To: Consultants

From: Michael Ambre – Project Manager

Reference: Geotechnical Engineering – Utah State Prison Relocation
Department of Corrections – Salt Lake City, Utah
DFCM Project No. 15310100

Subject: **DFCM Addendum No. 1**

Pages Total Addendum 2 pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

1.1 SCHEDULE CHANGES: There are no Project Schedule changes.

1.2 GENERAL ITEMS: RFP Clarifications

Scope of Work, Section f, delete paragraph 2 and insert the following:

2. **Phase 1** - Recommend general embedment depths and soil bearing pressure for anticipated structure footings.

If appropriate, recommend soil modification or deep foundation approaches appropriate to the types of structures and improvements proposed for the project

Based on the initial analysis, provide anticipated total and differential settlements for footings under anticipated design loads in the context of various soil modification and foundation approaches.

Collaborate with DFCM, the Master Architect and the CMGC to evaluate the range of possible foundation and soils engineering solutions available to meet the State's requirements for the project.

Phase 2 – Based on specific building types and loading characteristics, recommend general embedment depths and soil bearing pressure for anticipated structure footings.

If required, recommend the specific soil modification or deep foundation approach appropriate to each type of structure and improvement proposed for the project. If required, provide deep foundation design parameters including tip elevations, vertical pile capacity, pile spacing, L-pile design parameters (fixed and free head), pile group effects, and corrosion effects.

Provide anticipated total and differential settlements for footings under anticipated design loads for each type of structure and improvement proposed for the project.

Collaborate with DFCM, the Master Architect and the CM/GC to evaluate the range of possible foundation and soils engineering solutions available to meet the State's requirements for the project.

Scope of Work, Section f, add paragraph 12:

12. Include commentary of an Engineering Geologist based on the conditions encountered at the project site and related to the construction of a prison.